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Grauer, Z., Avnir, D., and Yariv, S. Adsorption characteristics of rhodamine 6G on montmorillonite and laponite, elucidated from electronic absorption and emission spectra, 1889.

Gravel, D., Bordeleau, L., Ladouceur, G., Rancourt, J., and Thoraval, D. Total regiospecific synthesis of the selagine tricyclic ring system, 2945.

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Guthrie, J.P., Cossar, J., and Taylor, K.F. The formation and hydrolytic cleavage of substituted benzalacetones, 1958.

Guthrie, J.P., Cooper, K.J., Cossar, J., Dawson, B.AA., and Taylor, K.F. The retroaldol reaction of cinnamaldehyde, 1441.

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Harwood, L.M., Hodgkinson, L.C., Sutherland, J.K., and Towers, P. Synthesis of anthracyclinones. Part 1. Regioselective alkylation of 5-hydroxyquinizarin, 1922.

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Hisatsune, I.C. Low-temperature infrared study of ammonium carbamate formation, 945.

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Hojatti, M., and Leffek, K.T. Proton transfer reactions from 4-X-phenyl-4-nitrophenylcyanomethanes to tetramethylguanidine in acetonitrile solvent, 2653.

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Holenstein, J.E., Stoessl, A., Kern, H., and Stothers, J.B. The marticins: confirmation of structure, elucidation of biosynthetic origin by ¹³Cmr studies, and revision of stereochemical assignments, 1971.

Holland, H.L., Chenchaiah, P.C., Thomas, E.M., Mader, B., and Dennis, M.J. Microbial hydroxylation of steroids. 9. Epoxidation of Δ⁶-3-ketosteroids by Rhizopus arrhizus ATCC 11145, and the mechanism of the 6β hydroxylase enzyme, 2740.

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Hunter, D.H., Ponce, Y.Z., Brown, G.W., Chamberlain, M.J., Driedger, A.A., and Morrissey, G. 4-Iodophenylcholine: a potential myocardial imaging agent, 2015.

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Hutchinson, J.H., and Money, T. Stereoselectivity of C(3)-methylation of camphor and derivatives, 1899.

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Jones, J.B., and Francis, C.J. Enzymes in organic synthesis. 32. Stereospecific horse liver alcohol dehydrogenase-catalyzed oxidations of exo- and endo-oxabicyclic meso diols, 2578.

Jones, J.B., and Takemura, T. Enzymes in organic synthesis. 30. Reaction conditions — control of enantiomeric purities. Horse liver alcohol dehydrogenase-catalyzed reductions of 2-alkylcyclohexanones and their thiopyran analogs, 77.

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Kelly, R.B., Lal, G.S., Gowda, G., and Rej, R.N. A synthesis of (+)-aphidicol-15-ene, 1930.

Keoshkerian, B., see Loutfy, R.O., 1877.

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Khan, M.A., Peppe, C., and Tuck, D.G. The synthesis, crystal and molecular structure of 1,1,3,3-tetramethylimidazolidinium diiodide methylene dichloride solvate, (C₇H_{1R}N₂)I₂ ° CH₂CI₂, 1662.

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King, J.F., Hillhouse, J.H., and Skonieczny, S. Vinylogous nucleophilic catalysis. Tertiary amine promoted hydrolysis of 1-alkene-1-sulfonyl chlorides, 1977.

Kingston, G.M., see Das, J., 1103.

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Kliegel, W., Motzkus, H.-W., Rettig, S.J., and Trotter, J. Structural studies of organoboron compounds. XVI. Preparation and crystal and molecular structures of 4,4-dimethyl-2,5,5-triphenyl-1,3-dioxa-4-azonia-2-boratacyclopentane and 4,4,5,5-tetramethyl-2,2-diphenyl-1,3-dioxa-4-azonia-2-boratacyclopentane, 838.

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Kopecky, K.R., and Gomez, R.R. O—O stretching frequencies of cyclic peroxides. Stabilization of peroxides by alkoxy substituents, 277.

Kopecky, K.R., and Miller, A.J. Improved synthesis of anti-sesquinorbornene, 1840.

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Langbein, H., and Grummt, U.-W. Comment: Infrared absorption and resonance Raman scattering of photochromic triphenylformazans, 1476.

Lange, G.L., Nye, M.J., Pereira, V.A., Stratton, V., and Yurkevich, T. Thermolysis of gem-dimethyl-2-cyclohexenones. Evidence for [1,5] sigmatropic methyl shifts, 1903.

Langford, C.H., and Schear, T.M. Solvent and temperature dependence of absorption and phosphorescence of trans-diisothiocyanate (bis)ethylene-diaminechromium(III) ion, 703.

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